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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

ATTY.'S DOCKET: TAKEDA=19

In re Application of:	)	Art Unit: 1652
	)	
Kozo TAKEDA et al.	)	Examiner: R. B. Mondesi
	)	
Appln. No.: 10/527,455	)	Washington, D.C.
	)	
Filed: October 24, 2005	)	Confirmation No. 2196
	)	
For: METHOD OF PURIFYING PROTEIN	)	May 23, 2007

**INFORMATION DISCLOSURE STATEMENT [IDS]**

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building, Mail Stop Amendment  
401 Dulany Street  
Alexandria, VA 22314

Sir :

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form PTO/SB/08A) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an

attachment hereto. A copy of each document listed is attached, except as explained below:

A. Document AE and AQ are U.S. patents and/or published applications. 37 CFR §1.98(a)(2)(ii) does not require the filing of legible copies of U.S. patents or U.S. patent application publications unless required by the Office.

3. Documents AF, AG, AI, AJ, AK are not in the English language. In accordance with §1.98(a)(3), Applicant(s) states:

[X] An English translation of each document AF, AG, AI, AJ, AK (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

If a corresponding patent or application is being relied on, a line connecting the non-English-language document with its corresponding English-language document is drawn in the margin of the accompanying form PTO/SB/08a.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. Other information being provided for the examiner's consideration follows:

International Search Report mailed November 4, 2003

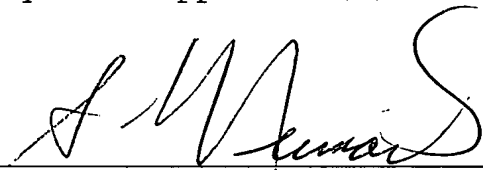
6. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or

constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/527,455
Filing Date	October 24, 2005
First Named Inventor	Kozo TAKEDA et al.
Group Art Unit	1642
Confirmation No.	2196
Attorney Docket Number	TAKEDA=19

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AE	US-6,190,608 B1	02-20-2001	LAUB et al.	
	AQ	US-2004/0138424 A1	07-15-2004	TAKEDA et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AF	WO 97/03706 A1	02-06-1997	LAUB et al.		
	AG	JP 5-504579 A	07-15-1993	RAMAGE et al.		
	AH	WO 92/07084 A1	04-30-1992	RAMAGE et al.		
	AI	JP 2000-319294	11-21-2000	ASAHI CHEM IND CO LTD		Abs
	AJ	JP 2000-351799	12-19-2000	JCR PHARMACEUTICALS CO LTD		Abs
	AK	EP 0 610 729 A1	01-27-1994	DR. KARL THOMAE GMBH		Abs
	AL	WO 94/20525 A1	09-15-1994	VELLEKAMP et al.		
	AM	WO 96/35710 A1	11-14-1996	SUOMELA et al.		
	AN	WO 99/19343 A1	04-22-1999	ORTHO DIAGNOSTIC SYSTEMS		
	AO	EP 1 247 818 A2	10-09-2002	ORTHO-CLINICAL DIAGNOSTICS INC		
	AP	EP 1 225 180 A2	07-24-2002	PROBITAS PHARMA, S.A.		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.